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1 [Document detection: Inquiry system overview](#)

John Broglio, James P. Callan, W. Bruce Croft

 September 1993 **Proceedings of a workshop on held at Fredericksburg, Virginia: September 19-23, 1993**
Publisher: Association for Computational LinguisticsFull text available: [pdf \(1.57 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#)

The TIPSTER project in the Information Retrieval Laboratory of the Computer Science Department, University of Massachusetts, Amherst (which includes MCC as a subcontractor), has focused on the following goals: • Improving the effectiveness of information retrieval techniques for large, full-text databases, • Improving the effectiveness of routing techniques appropriate for long-term information needs, and • Demonstrating the effectiveness of these retrieval and routing techniques for ...

2 [Research session: text data management: The TEXTURE benchmark: measuring performance of text queries on a relational DBMS](#)

Vuk Ercegovic, David J. DeWitt, Raghu Ramakrishnan

 August 2005 **Proceedings of the 31st international conference on Very large data bases VLDB '05**
Publisher: VLDB EndowmentFull text available: [pdf \(360.72 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We introduce a benchmark called TEXTURE (TEXT Under Relations) to measure the relative strengths and weaknesses of combining text processing with a relational workload in an RDBMS. While the well-known TREC benchmarks focus on quality, we focus on efficiency. TEXTURE is a micro-benchmark for query workloads, and considers two central text support issues that previous benchmarks did not: (1) queries with relevance ranking, rather than those that just compute all answers, and (2) a richer mix of t ...

3 [A compression-based algorithm for Chinese word segmentation](#)

W. J. Teahan, Rodger McNab, Yingying Wen, Ian H. Witten

September 2000 **Computational Linguistics**, Volume 26 Issue 3**Publisher:** MIT PressFull text available: [pdf \(1.34 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)[Publisher Site](#)

Chinese is written without using spaces or other word delimiters. Although a text may be thought of as a corresponding sequence of words, there is considerable ambiguity in the

placement of boundaries. Interpreting a text as a sequence of words is beneficial for some information retrieval and storage tasks: for example, fulltext search, word-based compression, and keyphrase extraction. We describe a scheme that infers appropriate positions for word boundaries using an adaptive language model that ...

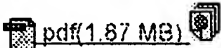
4 Vector-based natural language call routing

Jennifer Chu-Carroll, Bob Carpenter

September 1999 **Computational Linguistics**, Volume 25 Issue 3

Publisher: MIT Press

Full text available:



Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

[Publisher Site](#)

This paper describes a domain-independent, automatically trained natural language call router for directing incoming calls in a call center. Our call router directs customer calls based on their response to an open-ended *How may I direct your call?* prompt. Routing behavior is trained from a corpus of transcribed and hand-routed calls and then carried out using vector-based information retrieval techniques. Terms consist of n -gram sequences of morphologically reduced content words, ...

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IET CNF	IET Conference Proceeding
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- ☐ **1. Topic-sensitive PageRank: a context-sensitive ranking algorithm for Web search**
 Haveliwala, T.H.;
[Knowledge and Data Engineering, IEEE Transactions on](#)
 Volume 15, Issue 4, July-Aug. 2003 Page(s):784 - 796
 Digital Object Identifier 10.1109/TKDE.2003.1208999
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(659 KB) IEEE JNL
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- ☐ **2. Language model and speaking rate adaptation for spontaneous presentation speech recogn**
 Nanjo, H.; Kawahara, T.;
[Speech and Audio Processing, IEEE Transactions on](#)
 Volume 12, Issue 4, July 2004 Page(s):391 - 400
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- ☐ **3. Topic and Stylistic Adaptation for Speech Summarisation**
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[Acoustics, Speech and Signal Processing, 2006. ICASSP 2006 Proceedings. 2006 IEEE Internatio](#)
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 Digital Object Identifier 10.1109/ICASSP.2006.1660186
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- ☐ **4. Geographic Named Entity Disambiguation with Automatic Profile Generation**
 Yefei Peng; Daqing He; Ming Mao;
[Web Intelligence, 2006. WI 2006. IEEE/WIC/ACM International Conference on](#)
 18-22 Dec. 2006 Page(s):522 - 525
 Digital Object Identifier 10.1109/WI.2006.87
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- ☐ **5. Semantic Indexing for Instructional Video Via Combination of Handwriting Recognition and**
 Lijun Tang; Kender, J.R.;
[Multimedia and Expo, 2005. ICME 2005. IEEE International Conference on](#)
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6. A grammatical component for a text-to-speech system

Delmonte, R.; Mian, G.; Tisato, G.;
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7. Out-of-domain detection based on confidence measures from multiple topic classification

Lane, L.R.; Kawahara, T.; Matsui, T.; Nakamura, S.;
[Acoustics, Speech, and Signal Processing, 2004. Proceedings. \(ICASSP '04\). IEEE International C](#)
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8. Phonetic searching applied to on-line distance learning modules

Clements, M.; Robertson, S.; Miller, M.S.;
[Digital Signal Processing Workshop, 2002 and the 2nd Signal Processing Education Workshop, Pr](#)
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Kurimo, M.;
[Acoustics, Speech, and Signal Processing, 2000. ICASSP '00. Proceedings, 2000 IEEE Internation](#)
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10. Segmenting documents using multiple lexical features

Jobbins, A.C.; Evett, L.J.;
[Document Analysis and Recognition, 1999. ICDAR '99. Proceedings of the Fifth International Conf](#)
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11. Topic extraction with multiple topic-words in broadcast-news speech

Ohtsuki, K.; Matsutoka, T.; Matsunaga, S.; Furui, S.;
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12. Topic extraction based on continuous speech recognition in broadcast-news speech

Ohtsuki, K.; Matsunaga, S.; Matsuoka, T.; Furui, S.;
[Automatic Speech Recognition and Understanding, 1997. Proceedings, 1997 IEEE Workshop on](#)
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Stolcke, A.; Shriberg, E.;

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Vocabulary-Based Memory Compression

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En

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Result # 2 Relevance: ○○○○○○

Relational KEY WORD Library

1989-07-01

IPCOM000035664D

En

Communications Log (COMLOG) or Systems Log (SYSLOG) electronic notebook type of used to store text data that describe activity against a processor test machine in an en raised floor environment. Design engineers run test cases against test machines and ...

Result # 3 Relevance: ○○○○○○

Procedures as a Representation for Data in a Computer Program for Understanding Natural Language

1971-02-28

IPCOM000149027D

En

I 4. DESCRIPTIVE NOTES (Type O f report andInclluaive datea) i , Ph.D. Thesis, Depart Mathematics. Ausust 1970 5. AUTHOR(S) (Last name, first name, initial) I Winograd, T 1971 6. REPORT D A T E 7a. T O T A L NO. O F PAGES 7b. NO. O ...

Result # 4 Relevance: ○○○○○○

IEEE Computer Volume 16 Number 6 -- NEW APPLICATIONS & RECENT RESEARCH

1983-06-01

IPCOM000131624D

En

NEW APPLICATIONS & RECENT RESEARCH * Dairy Co Op finds computers almost as im cows * Newspapers get help in automating their libraries * Computers go to Hollywood college to put a terminal in every dorm

Result # 5 Relevance: ○○○○○○

L3 Lssd Latch Arrangement Schemes Which Permit 100% Cache Array Testing

1990-02-01

IPCOM000099598D

En

L3 latch arrangements have been used extensively to implement small CACHE memorie implementations resulted in the use of functional test patterns with little or no diagnost for testability as the use of LSSD patterns could not provide 100% coverage of ...

Result # 6 Relevance: ○○○○○○

Genes and environment in language acquisition : a study of early voca syntactic development in twins

1998-12-31

IPCOM000128114D

En

The goal of this thesis is to explore the contributions of heredity and environment to lar development using the twin method. This method consists of comparing monozygotic (I dizygotic (DZ) twins to see if MZs have a more similar course of development. Two ...

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